Texto

Descrição gerada automaticamente com confiança média

Interface gráfica do usuário, Texto

Descrição gerada automaticamente

Uma imagem contendo Texto

Descrição gerada automaticamente

Texto

Descrição gerada automaticamente

Uma imagem contendo Texto

Descrição gerada automaticamente

Interface gráfica do usuário, Texto, Aplicativo

Descrição gerada automaticamente

Uma imagem contendo Texto

Descrição gerada automaticamente

Interface gráfica do usuário, Texto

Descrição gerada automaticamente

Cloud Deployment Model

**Cloud Deployment Model** is simple a separation which describes where are the company resources deployed. Whenever this is in public cloud provider environment or private datacenter.

Below table presents high level deployment model separation

| Layer | Cloud Provider | Own Datacenter |
| --- | --- | --- |
| **Public** | ✅ | ✖ |
| **Hybrid** | ✅ | ✅ |
| **Private** | ✖ | ✅ |

## Public Cloud

| Cloud Provider | Own Datacenter |
| --- | --- |
| ✅ | ✖ |

**Key Characteristics**

* Everything runs on cloud provider hardware
* No local hardware
* Some services share hardware with other customers

**Advantages**

* No CapEx (No initial investment)
* High Availability
* Agility
* Pay as you Go (PAYG) pricing
* No hardware maintenance
* No deep technical skills required

**Disadvantages**

* Not all security and compliance policies can be met
* No ownership over the physical infrastructure
* Rare specific scenarios can’t be done

Private Cloud

| Cloud Provider | Own Datacenter |
| --- | --- |
| ✖ | ✅ |

**Key Characteristics**

* Everything runs on your own datacenter
* Self-service should be provided
* You maintain the hardware

**Advantages**

* Can support any scenario
* Total control over security and infrastructure
* Can meet any security and compliance policy

**Disadvantages**

* Initial investment is required (CapEx)
* Limited agility constrained by server capacity and team skills
* Very dependent on IT skills & expertise

Hybrid Cloud

| Cloud Provider | Own Datacenter |
| --- | --- |
| ✅ | ✅ |

**Key Characteristics**

* Combines both Public & Private cloud

**Advantages**

* Great flexibility
* You can run any legacy apps in private cloud
* Can utilize existing infrastructure
* Meet any security& compliance requirements
* Can take advantage of all public cloud benefits

**Disadvantages**

* Can be more expensive
* Complicated to manage due to larger landscape
* Most dependent on IT skills & expertise from all three models